

Abstract

The invention describes an anodic structure for electrolysis cell provided with a separator, in particular for a diaphragm chlor-alkali electrolysis cell, consisting of at least one movable surface suited to be put in contact with the separator. The movable surface comprises a component of higher thickness in contact with a porous layer of lower thickness, for instance a thin sheet provided with openings, and is characterised by the fact that a catalytic coating is applied only to the porous layer of lower thickness. The component of higher thickness has a substantially planar development and includes elements capable of promoting the local recirculation of electrolyte.